

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Canceled).

2. (Currently Amended) A method for controlling transmit power carrying out a transmit power control over a downlink common channel used to simultaneously transmit same data to a plurality of mobile stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising the steps of:

each of said plurality of mobile stations each transmitting a first TPC command for the downlink common channel and a second TPC command for the downlink dedicated channel to a base station through an uplink dedicated channel; and

said base station controlling transmit power of the downlink common channel based on said first TPC commands and controlling transmit powers of the downlink dedicated channels based on said second TPC commands, wherein:

The method for controlling transmit power according to claim 1, wherein for each mobile station a transmission interval of

said first TPC command is longer than a transmission interval of said second TPC command.

3. (Currently Amended) A method for controlling transmit power carrying out a transmit power control over a downlink common channel used to simultaneously transmit same data to a plurality of mobile stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising the steps of:

each of said plurality of mobile stations each transmitting a first TPC command for the downlink common channel and a second TPC command for the downlink dedicated channel to a base station through an uplink dedicated channel; and

said base station controlling transmit power of the downlink common channel based on said first TPC commands and controlling transmit powers of the downlink dedicated channels based on said second TPC commands, wherein:

~~The method for controlling transmit power according to claim 1,~~ wherein, in one frame, the number of times said first TPC command is transmitted is smaller than the number of times said second TPC command is transmitted for each mobile station.

4. (Currently Amended) A method for controlling transmit power carrying out a transmit power control over a downlink common channel used to simultaneously transmit same data to a plurality of mobile stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising the steps of:

each of said plurality of mobile stations each transmitting a first TPC command for the downlink common channel and a second TPC command for the downlink dedicated channel to a base station through an uplink dedicated channel; and

said base station controlling transmit power of the downlink common channel based on said first TPC commands and controlling transmit powers of the downlink dedicated channels based on said second TPC commands, wherein:

~~The method for controlling transmit power according to claim 1,~~ wherein both said first TPC command and said second TPC command are transmitted in a same time slot for each mobile station.

5. (Currently Amended) A method for controlling transmit power carrying out a transmit power control over a downlink common channel used to simultaneously transmit same data to a plurality of mobile stations concurrently with a transmit power

control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising the steps of:

each of said plurality of mobile stations each transmitting a first TPC command for the downlink common channel and a second TPC command for the downlink dedicated channel to a base station through an uplink dedicated channel; and

said base station controlling transmit power of the downlink common channel based on said first TPC commands and controlling transmit powers of the downlink dedicated channels based on said second TPC commands, wherein:

~~The method for controlling transmit power according to claim 1,~~ wherein said base station increases a transmit power of the downlink common channel when at least one of the first TPC commands transmitted from said plurality of mobile stations is a TPC command instructing an increase of the transmit power and decreases the transmit power of the downlink common channel when all of said first TPC commands transmitted from said plurality of mobile stations are TPC commands instructing a decrease of the transmit power.

6. (Previously Presented) A method for controlling transmit power carrying out a transmit power control over a downlink common channel used to simultaneously transmit same data

to a plurality of mobile stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising the steps of:

each of said plurality of mobile stations each transmitting a TPC command for the downlink dedicated channels to a base station through an uplink dedicated channel; and

said base station controlling transmit powers of the downlink dedicated channels based on said TPC commands and controlling a transmit power of the downlink common channel at a transmit power equal to a maximum transmit power in a plurality of transmission powers of the downlink dedicated channels after transmit power control or at said maximum transmit power with an addition of an offset.

7. (Previously Presented) The method for controlling transmit power according to claim 6, wherein each of said plurality of mobile stations each transmit an ACK signal or a NACK signal for the downlink common channel to said base station through the uplink dedicated channel or an uplink random access channel, and

said base station decreases said offset when the ACK signal is received a plurality of times consecutively and increases said

offset when the NACK signal is received a plurality of times consecutively.

8. (Previously Presented) A method for controlling transmit power carrying out transmit power control over a downlink common channel used to simultaneously transmit same data to a plurality of mobile stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising the steps of:

each of said plurality of mobile stations each transmitting a TPC command for a downlink dedicated channel and a signal indicating an amount of increase of a transmit power of the downlink common channel to a base station through an uplink dedicated channel or an uplink random access channel; and

said base station controlling transmit powers of the downlink dedicated channels based on said TPC commands and increasing a transmit power of the downlink common channel by said amount of increase of the transmit power.

9. (Currently Amended) A base station apparatus carrying out a transmit power control over a downlink common channel used to simultaneously transmit same data to a plurality of mobile

stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising:

a reception section that receives a first TPC command for the downlink common channel and a second TPC command for the downlink dedicated channel through an uplink dedicated channel from each of said plurality of mobile stations;

a first control section that controls a transmit power of the downlink common channel based on said first TPC commands; and

a second control section that controls transmit powers of the downlink dedicated channels based on said second TPC commands, wherein:

said first control section increases the transmit power of the downlink common channel when at least one of the first TPC commands transmitted from said plurality of mobile stations is a TPC command instructing an increase of the transmit power and decreases the transmit power of the downlink common channel when all of said first TPC commands transmitted from said plurality of mobile stations are TPC commands instructing a decrease of the transmit power.

10. (Previously Presented) A base station apparatus carrying out a transmit power control over a downlink common

channel used to simultaneously transmit the same data to a plurality of mobile stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising:

a reception section that receives a TPC command for the downlink dedicated channel through an uplink dedicated channel from each of said plurality of mobile stations;

a first control section that controls transmit powers of the downlink dedicated channels based on said TPC commands; and

a second control section that controls a transmit power of the downlink common channel at a transmit power equal to a maximum transmit power in a plurality of transmit powers of the downlink dedicated channels after transmit power control or at said maximum transmit power with an addition of an offset.

11. (Previously Presented) A base station apparatus carrying out a transmit power control over a downlink common channel used to simultaneously transmit same data to a plurality of mobile stations concurrently with a transmit power control over downlink dedicated channels assigned individually to said plurality of mobile stations, comprising:

a reception section that receives a TPC command for a downlink dedicated channel and a signal indicating an amount of



increase of a transmit power of a downlink common channel through an uplink dedicated channel from each of said plurality of mobile stations;

a first control section that controls transmit powers of the downlink dedicated channels based on said TPC commands; and

a second control section that increases the transmit power of the downlink common channel by said amount of increase of the transmit power.